

# Iowa Crops & Weather



Iowa Agricultural Statistics  
210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • [nass-ia@nass.usda.gov](mailto:nass-ia@nass.usda.gov)  
To access NASS reports - <http://www.usda.gov/nass/>



Issued April 14, 2003

Vol. 03-06

For the week ending April 13, 2003

## Fieldwork Delayed but Moisture Arrives

While last Monday's snowstorm halted fieldwork, it improved soil moisture conditions for most of the state. The cold temperatures at the beginning of last week were hard on livestock, especially newborn calves. As temperatures increased last week, calving conditions improved. Late last week there were reports of anhydrous ammonia and dry fertilizer being applied, oat seedings progressed, and river barges were moving with grain.

**Topsoil moisture** ratings were 8 percent very short, 29 percent short, 58 percent adequate, and 5 percent surplus across Iowa. **Subsoil moisture** ratings were 16 percent very short, 34 percent short, 48 percent adequate, and 2 percent surplus.

There were 1.7 **days suitable for fieldwork**, compared to 3.7 days last week and 3.6 days last year at this time. **Oat seedings** were 50 percent complete, compared to 35 percent last week but behind last year's progress of 57 percent complete. Two percent of the oat crop has **emerged**. No significant **corn planting** has occurred in Iowa. **Primary seedbed preparations** are 40 percent complete, while **fertilizer applications** are 60 percent complete. **Range and pasture** conditions rated 7 percent very poor, 29 percent poor, 36 percent fair, 27 percent good, and 1 percent excellent.

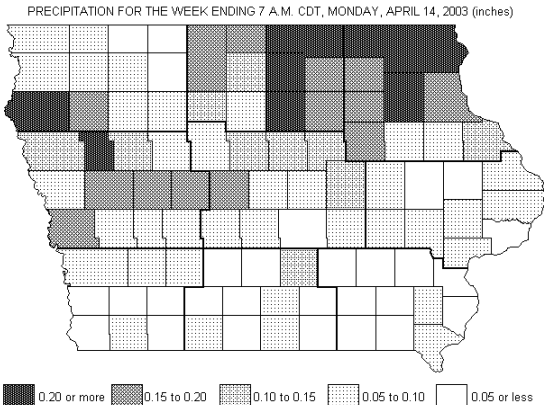
## Iowa Weather Summary

The past work week began very cold with daytime highs only in the upper 20's and lower 30's on Monday (7th). The temperature fell to 8 degrees at Estherville on Tuesday (8th) morning while daytime highs were in the 30's statewide. Wednesday (9th) morning lows were in the teens north to mid 20's south while daytime readings climbed into the 40's and 50's. Temperatures finally climbed back above normal on Thursday (10th) afternoon with readings in the low 70's in far western Iowa and 60's elsewhere. Mild weather prevailed over the weekend with 80's reaching into western Iowa on Sunday (13th) when Glenwood reported 87 degrees. Temperatures for the week as a whole averaged from 0.7 degrees below normal at Omaha-Council Bluffs to 4.9 degrees subnormal at Ottumwa and Dubuque.

The only measurable precipitation during the reporting week came on Monday (7th) with the tail end of the late weekend storm system. One to four inches of additional snow fell across the northwestern one-half of the state during the day on Monday bringing storm totals up to a foot in portions of north central Iowa. Dry weather prevailed for the rest of the week. Weekly precipitation totals varied from only trace amounts at a few southeast Iowa locations up to 0.37 inches at Cresco. The statewide average precipitation was 0.10 inches while the normal amount for the week is 0.70 inches.

Statewide Crop Conditions as of April 13, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	7	29	36	27	1



Field Work and Crop Progress as of April 13, 2003

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed (including fall work)	51	59	47	64	63	59	76	71	60	60	55	66	62
Seedbed, primary preparation completed (including fall work)	30	39	38	30	50	31	56	45	51	40	35	55	60
Oats planted	49	34	21	66	66	52	80	74	59	50	35	57	46

Days Suitable & Soil Moisture Condition as of April 13, 2003

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	1.5	0.9	0.5	1.3	1.8	3.3	2.7	2.8	2.2	1.7	3.7	3.6
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	2	1	5	0	15	18	9	10	11	8	14	8
Short	16	26	21	16	25	23	37	50	59	29	31	30
Adequate	70	61	67	79	54	58	51	40	30	58	52	57
Surplus	12	12	7	5	6	1	3	0	0	5	3	5
Subsoil moisture												
Very short	4	3	8	8	27	8	24	47	25	16	19	14
Short	22	27	37	36	25	42	42	32	48	34	37	38
Adequate	70	65	55	52	47	49	33	21	27	48	43	46
Surplus	4	5	0	4	1	1	1	0	0	2	1	2

Weather Summary For Iowa Agricultural Statistics Service										
Prepared by AWIS, Inc.										
For the week ending: Sunday, April 13, 2003										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	71	11	39	-5	0.20	-0.43	0.20	-0.93	9	3
	85	17	44	-3	0.89	0.33	0.89	-0.13	18	4
	72	12	39	-6	1.10	0.50	1.12	0.04	9	1
	72	15	42	-2	0.38	-0.18	0.44	-0.57	24	8
Britt Humboldt Mason City Northwood	North Central District									
	68	18	37	-8	0.30	-0.38	0.42	-0.78	7	-4
	70	16	38	-9	0.64	-0.05	1.08	-0.15	7	-1
	68	16	37	-7	0.23	-0.42	0.40	-0.77	3	-4
	66	12	35	-8	1.01	0.34	1.07	-0.14	1	-5
Decorah Dubuque Elkader Independence Waterloo	North East District									
	72	14	42	-4	0.36	-0.42	0.60	-0.77	5	-5
	72	13	39	-7	0.26	-0.58	0.40	-1.14	5	-6
	73	13	39	-8	0.52	-0.19	0.72	-0.55	4	-18
	73	17	38	-7	0.41	-0.34	0.45	-0.88	2	-21
Waterloo	75	12	40	-6	0.30	-0.44	0.56	-0.77	9	-3
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	73	13	38	-11	0.30	-0.41	0.60	-0.69	4	-16
	74	18	40	-7	1.00	0.27	1.26	-0.06	9	-5
	75	20	41	-8	0.32	-0.29	0.41	-0.68	19	7
	74	14	40	-8	0.50	-0.23	0.50	-0.83	8	-8
	75	19	41	-8	0.52	-0.16	0.81	-0.41	16	2
	74	20	41	-5	0.80	0.07	1.15	-0.17	12	-2
	78	19	42	-7	1.13	0.50	1.34	0.22	17	-2
	74	21	40	-8	0.33	-0.29	0.74	-0.36	11	-4
	76	17	42	-7	1.06	0.57	1.06	0.15	17	-1
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	75	15	41	-5	0.25	-0.49	0.47	-0.85	13	4
	75	18	42	-6	0.81	0.07	1.41	0.07	15	1
	76	22	44	-6	0.35	-0.42	0.60	-0.79	24	4
	72	17	40	-7	0.75	0.05	0.99	-0.25	9	1
	73	14	40	-7	0.06	-0.65	0.18	-1.13	10	-3
	75	20	41	-7	0.09	-0.63	0.20	-1.09	12	-3
	74	20	41	-6	0.65	-0.05	1.01	-0.23	9	-3
	74	15	39	-8	0.27	-0.44	0.38	-0.90	8	-3
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	76	18	42	-6	0.21	-0.51	0.35	-0.97	12	-2
	77	21	42	-7	0.15	-0.62	0.49	-0.88	8	-8
	78	18	42	-9	0.37	-0.47	0.51	-0.99	12	-10
	77	15	38	-9	0.40	-0.46	0.66	-0.88	4	-10
	74	15	37	-9	0.37	-0.37	0.63	-0.71	3	-9
	76	20	41	-9	0.31	-0.49	0.53	-0.93	12	4
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	77	18	43	-6	0.60	-0.14	0.79	-0.55	13	-2
	77	22	44	-6	0.90	0.27	1.23	0.12	23	3
	75	20	42	-5	0.87	0.21	1.20	0.00	15	3
	78	19	43	-8	0.75	-0.02	0.96	-0.42	19	-4
Allerton Beaconsfield Chariton Indianola Leon	79	24	45	-5	0.60	-0.10	0.80	-0.46	27	7
	South Central District									
	74	21	41	-8	0.83	0.08	1.28	-0.07	12	5
	74	22	42	-7	0.61	-0.13	0.95	-0.39	17	3
	76	16	40	-9	0.60	-0.21	0.62	-0.83	9	-6
Bloomfield Burlington Otumwa	76	18	42	-7	0.70	-0.10	1.00	-0.43	17	-1
	77	17	40	-8	0.59	-0.19	1.00	-0.39	8	-6
	South East District									
	75	23	41	-11	0.67	-0.10	1.33	-0.09	8	-17
Bloomfield Burlington Otumwa	76	26	43	-8	0.52	-0.27	0.85	-0.60	13	-9
	76	20	42	-8	0.38	-0.35	0.61	-0.72	13	-8

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.